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Backbone Immobilization of the Bis(bipyridyl)pyrazolate Diruthenium Catalyst for Electrochemical Water Oxidation

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ABSTRACT: Efficient catalysts for water oxidation are key to all scenarios for artificial solar water splitting, and in case of molecular catalysts their immobilization on conductive solid supports is considered essential for the construction of a photoelectrochemical cell. In this work, derivatives of the rugged 3,5-bis(bipyridyl)